



STIC Search Report

EIC 2100

STIC Database Tracking Number: 115873

TO: Cheryl Lewis
Location: 4Y03
Art Unit : 2177
Wednesday, March 03, 2004

Case Serial Number: 09/407650

From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794

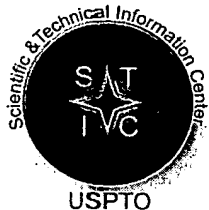
david.holloway@uspto.gov

Search Notes

Dear Examiner Lewis,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David



STIC EIC 2100 115873

Search Request Form (19)

Today's Date: 3/3/2004

What date would you like to use to limit the search?

Priority Date: 9/28/1999

Other:

Name Cheryl Lewis

AU 2177 Examiner # 92314

Room # 4402 Phone 305-8750

Serial # 09/407,650

Format for Search Results (Circle One):

PAPER

DISK

EMAIL

Where have you searched so far?

USP

DWPI

EPO

JPO

ACM

IBM TDB

IEEE

INSPEC

SPI

Other

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

A database clean-up system that organizes e-mail messages in a hierarchy of folders within a database.

Folders containing messages to be retained are set with a first flag or off-line flag.

Folders including messages to be deleted are set with a cleanup flag or second flag.

The deleted messages within the folders having the cleanup flag or second flag marked and the off-line flag or first flag unmarked.

STIC Searcher David Hollway

Phone 308-7794

Date picked up 3-3-04

Date Completed 3-3-04



DEMOG

539/70

Set	Items	Description
S1	23681	EMAIL OR (E OR ELECTRONIC) () (MAIL? OR MESSAG?) OR EMESSAG?
S2	109583	DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR KILLFILE? OR ERAS?
S3	306176	FOLDER? OR BOX? OR DIRECTORY
S4	202558	FLAG? ? OR TAG? ? OR INDICATOR? ?
S5	7738433	ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET-- HOD? OR PROCEDUR?
S6	1700634	RETAIN? OR KEEP? OR SAVE? OR STORE?
S7	4837	(SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL?) (N) S4
S8	717	S1 AND S2
S9	113	S8 AND (S3 OR S4)
S10	1	S9 AND S7
S11	1	S8 AND S7
S12	1	S1 AND S7 AND S2
S13	136	S1 AND S4 AND S5 AND (S6 OR S2)
S14	12	S13 AND S3
S15	13	S10 OR S14
S16	841	S7 AND (S2 OR S6)
S17	9	S16 AND S3
S18	1	S17 AND (EMAIL? OR MESSAG? OR MAIL?)
S19	27800	(SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR - MULTIPL? OR PLURAL? OR TWO OR 2) (2N) S3
S20	75	S19 AND S1
S21	42	S20 AND (S6 OR S2)
S22	39	S21 AND IC=(G06F? OR H04L?)
S23	60	S22 OR S15 OR S17 OR S18
S24	53	S23 AND IC=(G06F? OR H04L?)
S25	53	IDPAT (sorted in duplicate/non-duplicate order)
S26	49	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200415
(c) 2004 Thomson Derwent

26/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015645007 **Image available**
WPI Acc No: 2003-707190/200367
XRPX Acc No: N03-564907

Selective message deletion method in handheld personal computer, involves determining whether folders containing messages is in hierarchy, based on which message is deleted

Patent Assignee: MICROSOFT CORP (MICT)
Inventor: MANSOUR P M; SHERMAN R; WHITNEY D C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6578052	B1	20030610	US 99407828	A	19990928	200367 B

Priority Applications (No Type Date): US 99407828 A 19990928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6578052	B1	14	G06F-017/30		

Abstract (Basic): US 6578052 B1

NOVELTY - **Folders** containing messages that are to be **retained** with predetermined **flag**, are marked. Message linked to the **folder** in hierarchy belonging to the service root and not marked with the **flag** is **deleted**, when determined that the **folder** is in hierarchy. The determination result is **stored** in a cache of the client.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) storage medium storing message **deletion** program; and
- (2) selective message **deletion** apparatus.

USE - For selectively **deleting** message such as **e - mail** linked to **folders** in database of handheld personal computer (PC), palm size PC in client/server computing network.

ADVANTAGE - The **e - mails** are **deleted** selectively with improved efficiency.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram of the client/server computer network.

pp; 14 DwgNo 4/7

Title Terms: SELECT; MESSAGE; **DELETE** ; **METHOD** ; PERSON; COMPUTER; DETERMINE; **FOLDER** ; CONTAIN; MESSAGE; HIERARCHY; BASED; MESSAGE; **DELETE**

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

File Segment: EPI

26/5/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013592195 **Image available**
WPI Acc No: 2001-076402/200109
XRPX Acc No: N01-058283

Electronic mail **message management system** for computer connected to
network, has search controller to search for unreplied messages and
store it in operational database temporarily

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000322337	A	20001124	JP 99127966	A	19990510	200109 B

Priority Applications (No Type Date): JP 99127966 A 19990510

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000322337	A	7	G06F-013/00	

Abstract (Basic): JP 2000322337 A

NOVELTY - A receiving controller (1a) **stores** the received message
(2) in mail **box** (3). A reply **flag** indicating the reply situation
and term of message is set by environmental setting controller (1d) and
stored in database (5). Any unreplied message sensed in the mail **box**
, by search controller (1c) is **stored** in operation database (4)
temporarily.

DETAILED DESCRIPTION - A transmission controller (1b) releases the
reply **flag** indicating reply situation and reply term of message
stored in mail **box** (3), whenever a reply is sent in response to
received message.

USE - **Electronic mail message management system** for computers
connected in network.

ADVANTAGE - Delay by user to reply for the message can be prevented
as the unreplied message is detected and reply **flag** is set
corresponding to reply situation of message.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
electronic mail message management system .

Receiving controller (1a)
Transmission controller (1b)
Search controller (1c)
Environmental setting controller (1d)
Message (2)
Mail **box** (3)
Database (5)
pp; 7 DwgNo 1/9

Title Terms: ELECTRONIC; MAIL; MESSAGE; MANAGEMENT; **SYSTEM** ; COMPUTER;
CONNECT; NETWORK; SEARCH; CONTROL; SEARCH; MESSAGE; STORAGE; OPERATE;
DATABASE; TEMPORARY

Derwent Class: T01

International Patent Class (Main): **G06F-013/00**

File Segment: EPI

26/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013465147 **Image available**
WPI Acc No: 2000-637090/200061
XRPX Acc No: N00-472388

Self-cleaning method of electronic mail box , involves determining if messages expired and acting upon message if it is expired

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: BERKOWITZ P A; FOSTER R H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6088720	A	20000711	US 97902443	A	19970729	200061 B

Priority Applications (No Type Date): US 97902443 A 19970729

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6088720	A	6	G06F-015/16	

Abstract (Basic): US 6088720 A

NOVELTY - The self-cleaning **method** involves identifying that a message is tagged for expiration and determining whether the message is expired. The message is acted upon by selectively forwarding the message if the message is expired.

DETAILED DESCRIPTION - The expiration **tag** has a data field and time field whose contents are variable and settable by message creator. The message contains a field enabling selective forwarding to destination identified by the message.

USE - For self-cleaning of **electronic mail boxes** in message communication **system** .

ADVANTAGE - Enables **electronic mail boxes** to **delete** from storage, mark as expired, sort by expiration data, suppress from view or forward to additional parties **electronic messages** having an expiration date that has expired. The creator of message sets the expiration data to correspond with a date and time at which the message is to be considered expired.

DESCRIPTION OF DRAWING(S) - The figure shows the high level flowchart of self-cleaning **electronic mail box** .

pp; 6 DwgNo 2/2

Title Terms: SELF; CLEAN; **METHOD** ; ELECTRONIC; MAIL; **BOX** ; DETERMINE; MESSAGE; EXPIRE; ACT; MESSAGE; EXPIRE

Derwent Class: T01

International Patent Class (Main): **G06F-015/16**

File Segment: EPI

26/5/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013262351 **Image available**
WPI Acc No: 2000-434256/200038
XRPX Acc No: N00-324296

Directory system for electronic mail system, has delay updating execution unit that updates directory data in database based on condition of operating data stored in updating reservation log memory

Patent Assignee: HITACHI LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000148570	A	20000530	JP 99242710	A	19990830	200038 B

Priority Applications (No Type Date): JP 98258229 A 19980911

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000148570	A	23	G06F-012/00	

Abstract (Basic): JP 2000148570 A

NOVELTY - A delay updating execution unit updates the directory data in a database (9) when the condition of operating data **stored** in an updating reservation log memory is done according to the updated content in an updating demand. The updating reservation log memory in a **directory server (2) stores** the operating condition data based on the updating demand from a client (1).

USE - For **electronic mail** system.

ADVANTAGE - Ensures reliable update of directory database at desired stage.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a directory system.

Client (1)

Directory server (2)

Database (9)

pp; 23 DwgNo 1/33

Title Terms: DIRECTORY; SYSTEM; ELECTRONIC; MAIL; SYSTEM; DELAY; UPDATE; EXECUTE; UNIT; UPDATE; DIRECTORY; DATA; DATABASE; BASED; CONDITION; OPERATE; DATA; STORAGE; UPDATE; RESERVE; LOG; MEMORY

Derwent Class: T01; W01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-013/00 ; G06F-017/30 ;

H04L-012/54 ; H04L-012/58

File Segment: EPI

26/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012965159 **Image available**
WPI Acc No: 2000-137010/200012
XRPX Acc No: N00-102424

Method of detecting junk e - mail
Patent Assignee: MICROSOFT CORP (MICR-N)
Inventor: DUMAIS S T; HECKERMAN D E; HORVITZ E; PLATT J C; SAHAMI M
Number of Countries: 023 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9967731	A1	19991229	WO 99US14087	A	19990622	200012 B
US 6161130	A	20001212	US 98102837	A	19980623	200067
EP 1090368	A1	20010411	EP 99930560	A	19990622	200121
			WO 99US14087	A	19990622	

Priority Applications (No Type Date): US 98102837 A 19980623
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9967731	A1	E	95	G06F-017/60	
Designated States (National): CA CN JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
US 6161130	A			G06F-015/16	
EP 1090368	A1	E		G06F-017/60	Based on patent WO 9967731
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					

Abstract (Basic): WO 9967731 A1

NOVELTY - The method discriminates message content for a given recipient through a probabilistic classifier trained on prior content classification.

DETAILED DESCRIPTION - The method uses an apparatus which includes a probabilistic classifier (370) which, for a given recipient, detects electronic **e - mail** messages, in an incoming message stream, which that recipient is likely to consider junk. The apparatus discriminates message content for that recipient, through a probabilistic classifier trained on prior content classifications. Through a resulting quantitative probability measure, which is an output confidence level, produced by the classifier for each message and subsequently compared against a predefined threshold, that message is classified as either spam or legitimate mail. The mail is then **stored** in a corresponding folder (223,227) for subsequent retrieval by and display to the recipient. Based on the probability measure, the message can alternatively be classified into a number of **different folders**, depicted in a predefined visually distinctive manner or simply discarded in its entirety.

INDEPENDENT CLAIMS are included for:

- (1) a computer-readable medium containing program instructions for executing the method; and
- (2) an apparatus for classifying an incoming **electronic message**

USE - The method is used to detect **e - mail** messages that a recipient would consider as junk.

ADVANTAGE - In the method the behavior of the classifier can track changing subjective perceptions of spam and preferences of its particular user.

DESCRIPTION OF DRAWING(S) - The figure depicts a high level functional block diagram of various software modules, and their interaction, which are collectively used in the classifying apparatus.

pp; 95 DwgNo 3A/6

Title Terms: METHOD; DETECT; JUNK; MAIL

Derwent Class: T01

International Patent Class (Main): G06F-015/16 ; G06F-017/60

International Patent Class (Additional): G06F-015/173 ; G06F-017/30

File Segment: EPI

26/5/22 (Item 22 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012841098 **Image available**
WPI Acc No: 2000-012930/200001
XRPX Acc No: N00-010042

**On-line service communication method in computer network communication
systems such as e - mail service**

Patent Assignee: ATCOM INC (ATCO-N)
Inventor: ATHING W D; VAN HORNE P F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5987498	A	19991116	US 96602630	A	19960216	200001 B

Priority Applications (No Type Date): US 96602630 A 19960216

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5987498	A	23	G06F-013/362	

Abstract (Basic): US 5987498 A

NOVELTY - User configuration information corresponding to a remote site computer is retrieved from the central server based on received user identification information. A session change information is displayed on remote site computer after termination of log-on session.

DETAILED DESCRIPTION - After initiating log-on session in a remote site computer, a user identification information at the remote site computer is collected and forwarded to a control server.

USE - For e.g. **e - mail** service etc.

ADVANTAGE - Enables to collect messages from multiple electronic sources and to present the messages to a user in a common format. Facilitates checking of **e - mail** easily. Establishes communication with **e - mail** service providers to avoid **keeping** up of **multiple e - mail boxes**. Provides an **e - mail** scrapping function.

DESCRIPTION OF DRAWING(S) - The drawing indicates a flow chart for customer at remote site to retrieve on-line services.

pp; 23 DwgNo 6/20

Title Terms: LINE; SERVICE; COMMUNICATE; METHOD; COMPUTER; NETWORK;
COMMUNICATE; SYSTEM; MAIL; SERVICE

Derwent Class: T01

International Patent Class (Main): **G06F-013/362**

International Patent Class (Additional): **G06F-013/42**

File Segment: EPI

26/5/30 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009590633 **Image available**
WPI Acc No: 1993-284179/199336
XRPX Acc No: N93-218570

Electronic mail system with mail box maintaining requirements
indicator - has automatic operational requirements indicator , mail
box maintaining section and controller, enabling efficient deletion of
unnecessary electronic mail NoAbstract

Patent Assignee: NEC SOFTWARE TOHOKU LTD (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5199261	A	19930806	JP 928069	A	19920121	199336 B

Priority Applications (No Type Date): JP 928069 A 19920121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5199261	A		5	H04L-012/54	

Abstract (Basic): JP 5199261 A
Dwg.1/3

Title Terms: ELECTRONIC; MAIL; **SYSTEM** ; MAIL; **BOX** ; MAINTAIN; REQUIRE;
INDICATE; AUTOMATIC; OPERATE; REQUIRE; INDICATE; MAIL; **BOX** ; MAINTAIN;
SECTION; CONTROL; ENABLE; EFFICIENCY; **DELETE** ; UNNECESSARY; ELECTRONIC;
MAIL; NOABSTRACT

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): G06F-013/00 ; H04L-012/58

File Segment: EPI

26/5/40 (Item 40 from file: 347)

DIALOG(R) File 347:JAPIO

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04929185 **Image available**

INFORMATION TRANSMISSION **METHOD** AND INFORMATION COMMUNICATION EQUIPMENT

PUB. NO.: 07-221785 [JP 7221785 A]

PUBLISHED: August 18, 1995 (19950818)

INVENTOR(s): NAKAJIMA RYOJI

APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 06-011698 [JP 9411698]

FILED: February 03, 1994 (19940203)

INTL CLASS: [6] **H04L-012/54 ; H04L-012/58 ; G06F-013/00**

JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION
PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To allow a sender to confirm a text immediately without inquiry of a recipient by sending an unread notice text to a notice destination when a sender side information communication equipment does not receive the text till a text read closing date of the recipient.

CONSTITUTION: A post office as a sender side information communication equipment includes read closing date information designating a text read closing date by a recipient and notice destination address information informing non-read of a text when the text is not read to a transmission text and sends the resulting text. Upon the receipt of texts from post offices P1, P2, P3 by a receiver side, the text is **stored** in an individual **box** of a reception mail **box** 17. When an un-read monitor request **flag** of un-read monitor request information included in the received **electronic mail** is set, a read **flag** F of read closing date information 22 of the received **electronic mail** **stored** in the received mail **box** is set to '1' representing a monitoring state of un-read. Then an un-read monitor request counter of a storage section 15 is incremented by 1 and the result is **stored** in addition to an area 19 of the storage section 15.

26/5/43 (Item 43 from file: 347)
DIALOG(R)File 347:JAPIO
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04579050 **Image available**
MAIL BOX MANAGEMENT METHOD

PUB. NO.: 06-250950 [JP 6250950 A]
PUBLISHED: September 09, 1994 (19940909)
INVENTOR(s): SHINDO YOSHIMITSU
TAKAHASHI KEIKO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
HITACHI KEIYO ENG CO LTD [485526] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 05-035623 [JP 9335623]
FILED: February 24, 1993 (19930224)
INTL CLASS: [5] G06F-013/00 ; H04L-012/54 ; H04L-012/58
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
(COMMUNICATION -- Telegraphy)
JAPIO KEYWORD: R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 1839, Vol. 18, No. 645, Pg. 137,
December 07, 1994 (19941207)

ABSTRACT

PURPOSE: To automatically group-manage an **electronic mail** box by collating a condition as against accessory information on the **electronic mail** which a user previously defines with accessory information of the received mail and storing it in a peculiar mail box.

CONSTITUTION: An **electronic mail** accessory information collation part 107 collates accessory information of the **electronic mail**, which is extracted in an **electronic mail** accessory information extraction part 104, with the distribution condition of the **electronic mail** extracted in a received **electronic mail** distribution condition extraction part 106 into the peculiar mail box. Then, a storage destination peculiar mail box specification part 108 defines the peculiar mail box coincided with the condition from the **plural peculiar mail boxes** in a received **electronic mail** distribution condition 105 which the user defines as the storage destination of the received **electronic mail**. Furthermore, an **electronic mail** distribution part 109 extracts the **electronic mail** arrived at a standard **electronic mail** box 101 and **stores** the **electronic mail** in the peculiar mail box specified by the storage destination peculiar mail box specification part 108.

Set	Items	Description
S1	58267	EMAIL OR (E OR ELECTRONIC) () (MAIL? OR MESSAG?) OR EMESSAG?
S2	221164	DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR SCRUB OR KILLFILE? - OR ERASE? OR ERASING?
S3	199857	FOLDER? OR SUBFOLDER? OR SUBDIRECTORY OR SUBDIRECTORIES OR BOX? OR DIRECTORY
S4	304063	FLAG? ? OR TAG? ? OR INDICATOR? ?
S5	20905359	ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET- HOD? OR PROCEDUR?
S6	953341	RETAIN? OR KEEP? OR SAVE? OR STORE?
S7	12717	(SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL? OR PL- URAL?) (2N)S4
S8	8766	(SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR - MULTIPL? OR PLURAL? OR TWO OR 2) (2N)S3
S9	0	S1 AND S7 AND S8
S10	15	S1 AND S7
S11	79	S1 AND S8
S12	55	S11 AND (S5 OR S2 OR S6)
S13	8	S10 AND (S5 OR S2 OR S6)
S14	63	S12 OR S13
S15	60	RD (unique items)
S16	45	S15 NOT PY>1999
S17	2	S7 AND S8 AND (S2 OR S5 OR S6)
S18	47	S17 OR S16
S19	47	S18 NOT PD=19990928:20020928
S20	47	S19 NOT PD=20020928:20040401
File	8: Ei	Compendex(R) 1970-2004/Feb W4 (c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation	Abs Online 1861-2004/Feb (c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech.	Abs. 1966-2004/Feb 20 (c) 2004 EBSCO Publishing
File	65: Inside	Conferences 1993-2004/Feb W5 (c) 2004 BLDSC all rts. reserv.
File	2: INSPEC	1969-2004/Feb W4 (c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus	1985-2004/Feb W4 (c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper	Index(SM) 1979-2004/Mar 03 (c) 2004 The Gale Group
File	233: Internet & Personal	Comp. Abs. 1981-2003/Sep (c) 2003 EBSCO Pub.
File	144: Pascal	1973-2004/Feb W4 (c) 2004 INIST/CNRS
File	34: SciSearch(R)	Cited Ref Sci 1990-2004/Feb W4 (c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech	Abs 1983-2004/Jan (c) 2004 The HW Wilson Co.

Set	Items	Description
S1	23681	EMAIL OR (E OR ELECTRONIC) () (MAIL? OR MESSAG?) OR EMESSAG?
S2	106239	DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR SCRUB OR KILLFILE? - OR ERASE? OR ERASING?
S3	306202	FOLDER? OR SUBFOLDER? OR SUBDIRECTORY OR SUBDIRECTORIES OR BOX? OR DIRECTORY
S4	202558	FLAG? ? OR TAG? ? OR INDICATOR? ?
S5	7738433	ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET- HOD? OR PROCEDUR?
S6	1700634	RETAIN? OR KEEP? OR SAVE? OR STORE?
S7	13069	(SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL? OR PL- URAL?) (2N)S4
S8	27805	(SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR - MULTIPL? OR PLURAL? OR TWO OR 2) (2N)S3
S9	0	S1 AND S7 AND S8
S10	37	S7 AND S8
S11	21	S10 AND (S2 OR S5 OR S6)
S12	7	S11 AND IC=(G06F? OR H04L?)
S13	7	IDPAT (sorted in duplicate/non-duplicate order)
S14	7	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Oct(Updated 040202)
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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200415
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20/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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04832157 E.I. No: EIP97093843120

Title: Technique for multi-network access to multimedia messages

Author: Patel, Ahmed; Gaffney, Kevin

Corporate Source: Univ Coll Dublin, Dublin, Irel

Source: Computer Communications v 20 n 5 July 1997. p 324-337

Publication Year: 1997

CODEN: COCOD7 ISSN: 0140-3664

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications)

Journal Announcement: 9711W3

Abstract: Effective communication requires support for interactive (e.g. telephony) as well as message-based (e.g. **electronic mail**, fax) communication. Message-based communication has the advantage for users in that it allows the recipient to answer and react to incoming correspondences when it suits them. Given the number of varying and differing message-based communication **systems** available and used these days, it is becoming necessary for users to flurry through an increasing array of 'mail boxes'. This leads to much unnecessary time being spent sorting and filing such messages into **separated folders**, file **systems**, etc. This paper introduces the basis for a Personal Message Centre (PMC). The PMC provides its users with one common message **store** for all message communications. In addition, PMC users will have the possibility to access such a common message **store** from a range of terminal types, such as computer terminals, mobile/fixed telephones. Users will be provided with a range of services to assist them in their personal communication tasks. (Author abstract) 14 Refs.

Descriptors: Personal communication **systems**; Voice/data communication **systems**; Telecommunication networks; Mobile telecommunication **systems**; Telecommunication services; Communication channels (information theory); Network protocols

Identifiers: Personal message centre; Message based communication **systems**; Associated message transfer **systems**; Multimedia messages

Classification Codes:

718.1 (Telephone Systems & Equipment); 716.1 (Information & Communication Theory); 723.2 (Data Processing)

718 (Telephone & Line Communications); 716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

20/5/7 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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5439674 INSPEC Abstract Number: B9701-6210G-004, C9701-5640-010

Title: Serving up mail: POP and IMAP

Author(s): Baker, S.

Journal: Unix Review vol.14, no.12 p.25-6, 28, 30, 32, 34

Publisher: Miller Freeman,

Publication Date: Nov. 1996 Country of Publication: USA

CODEN: UNRED5 ISSN: 0742-3136

SICI: 0742-3136(199611)14:12L:25:SMI;1-C

Material Identity Number: G662-96012

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Discusses some Internet protocols for desktop **e - mail** . The Post Office Protocol (POP) is a simple protocol that lets an intermittent user connect with a central mail server over TCP/IP and download any mail received to the local workstation or desktop PC and send outgoing mail to the server for delivery. POP version 3 (POP3) is now designated to become an Internet Standard Protocol, a category reserved for only a few TCP/IP application protocols. Like many other TCP/IP applications, POP is based on a simple client-server architecture driven by the client. The Internet Message Access Protocol (IMAP) is a competing design for handling intermittent mail users. While POP was promoted at University of California at Berkeley, IMAP was developed at Stanford University. In a previous incarnation, IMAP was called the Interactive Mail Access Protocol. The name change occurred with IMAP version 4. Compared with POP3, IMAP is a more complex and powerful protocol designed to provide greater control of a user's remote mailbox and mail folders. The IMAP4 protocol supports **retaining** messages on the IMAP server, moving or copying messages to **separate** mail **folders** , and even manipulating or viewing separate parts of a multi-part MIME **e - mail** message. IMAP also supports searching mail files on the server for specific text. (0 Refs)

Subfile: B C

Descriptors: access protocols; client-server **systems** ; **electronic mail** ; Internet; microcomputer applications; transport protocols

Identifiers: Internet protocols; desktop **electronic mail** ; Post Office Protocol; intermittent users; central mail server; TCP/IP; downloading; POP version 3; client-server architecture; Internet Message Access Protocol; IMAP version 4; remote mailbox; mail folders; MIME; text searching

Class Codes: B6210G (Electronic mail); B6210L (Computer communications); B6150M (Protocols); C5640 (Protocols); C7104 (Office automation); C5620W (Other computer networks); C6150N (Distributed systems software)

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20/5/19 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00531782 99PM04-019

Hassle-free office e - mail -- Outsource your mail server and save big on service and support

Georgia, Bonny L

PC Computing , April 1, 1999 , v12 n4 p120, 1 Page(s)

ISSN: 0899-1847

Company Name: USA.Net

Product Name: PostOffice.Net

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): C

Hardware/Software Compatibility: IBM PC Compatible

Geographic Location: United States

Presents a mixed review of PostOffice.Net, a Web-based **e - mail** service (starting at \$5.50 per month plus \$75 setup fee) by USA.Net (800). Describes the service as providing low-overhead corporate **e - mail** via the Web with trade-offs. Explains that it includes **multiple folders** for sorting mail, customized filtering rules, and spam-blocking tools and **stores** messages on servers instead of on the user's hard drive, allowing them to retrieve new mail or compose messages securely from anywhere via a browser. Says user does not have to buy any hardware or software. Notes that it has a ``rough'' interface and that there is slow processing over a dial-up connection. Says that if users are in the market for outsourced, scalable **e - mail** it is a good start, but accessing menus and customizing messaging features over the Internet can be a painfully slow process. Rated three on a scale of one to five. Includes two screen displays. (CT)

Descriptors: **Electronic Mail** ; World Wide Web; Spamming; Security; Web Browsers; Messaging

Identifiers: PostOffice.Net; USA.Net

20/5/24 (Item 6 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00501410 98PW07-041

Smart mail, stupid software

Manes, Stephen

PC World , July 1, 1998 , v16 n7 p346, 1 Page(s)

ISSN: 0737-8939

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Provides a profile on managing **electronic mail** . Says as internet standards develop, incompatibilities are gradually disappearing; but problems with **electronic mail** software continues. Explains **organizing** your **e - mail** remains difficult. Says that although you can set up filters to scan incoming messages and funnel them to waiting folders, that practice takes quite a bit of programming knowledge. Adds it also requires the user to wade through **multiple folders** just to check their mail. Says despite years of improvements, mail programs are not sufficiently advanced. Notes for example, that a user should not have to spend hours sorting through mail and moving it from one **folder** to **another** . The program should do it automatically. Concludes new developments in **e - mail** software would shorten the time spent managing mail. Contains one photograph. (EB)

Descriptors: **Electronic Mail** ; Software; Management

20/5/25 (Item 7 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00489615 98IW03-021

Quirks mar Eudora's unique capabilities; Eudora Pro Email , version 4.0

Symoens, Jeff

InfoWorld , March 2, 1998 , v20 n9 p122, 1 Page(s)

ISSN: 0199-6649

Company Name: Qualcomm

URL: <http://www.qualcomm.com>

Product Name: Eudora Pro **Email** 4.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Macintosh; Microsoft Windows NT

Geographic Location: United States

Presents a favorable capsule review of Eudora Pro **Email** , Version 4.0 (\$39), an IMAP4 **e - mail** client program from Qualcomm Inc. of San Diego, CA (800, 619). Says it runs on IBM PC compatibles with Windows 95 or NT, or on 68000- and PowerPC-based Macintoshes. Indicates that Eudora Pro easily handles basic IMAP4 functions, and says it caches message content for offline viewing. Reports this program is unique in that it allows user to create multiple profiles for working with multiple **e - mail** accounts, move **e - mail** from a folder in one IMAP4 mail account to a **folder** in **another** , and issue a query across several selected LDAP directories within a single operation. States that Eudora Pro's three-pane view, one each for folder list, message list, and message preview, offers simple message management. Complains, however, that Eudora Pro's help **system** is somewhat scattered, and says it does not allow for offline management. Includes one screen display.

Descriptors: **Electronic Mail** ; Client-Server Computing; Internet

Identifiers: Eudora Pro **Email** 4.0; Qualcomm

20/5/32 (Item 14 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00402269 95CW11-201

E - mail **directory chaos plagues IS**

Mohan, Suruchi

Computerworld , November 20, 1995 , v29 n47 p1, 127, 2 Page(s)

ISSN: 0010-4841

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Reports on the problems of companies with heterogeneous **e - mail systems** and no central **system** for updating and synchronizing entries. Says each mail **system** has its own directory which is a database of user names and their mail addresses. Adds that information in different mail **systems** are hard to synchronize because the fields are often **different** . Notes that **directory** synchronization and implementation requires much planning. Also says there are corporate political issues involved in the use of e-m **systems** . (dpm)

Descriptors: **Electronic Mail** ; Network Management; Synchronization; Business; Management

Set	Items	Description
S1	2541990	EMAIL OR (E OR ELECTRONIC) () (MAIL? OR MESSAG?) OR EMESSAG?
S2	411725	DELET? OR CLEAN()OUT? ? OR EXPUNGE? OR SCRUB OR KILLFILE? - OR ERASE? OR ERASING?
S3	2673278	FOLDER? OR SUBFOLDER? OR SUBDIRECTORY OR SUBDIRECTORIES OR BOX? OR DIRECTORY
S4	1214170	FLAG? ? OR TAG? ? OR INDICATOR? ?
S5	21705627	ORGANIZ? OR BULK? OR ORGANIS? OR ARRANG? OR SYSTEM? OR MET- HOD? OR PROCEDUR?
S6	10054464	RETAIN? OR KEEP? OR SAVE? OR STORE?
S7	40403	(SECOND OR DIFFERENT? OR 2ND OR TWO OR 2 OR MULTIPL? OR PL- URAL?) (2N)S4
S8	107503	(SEPARATE? OR DIFFERENT? OR ANOTHER? OR EXTRA OR SPARE OR - MULTIPL? OR PLURAL? OR TWO OR 2) (2N)S3
S9	3884	S1(S) (S7 OR S8)
S10	9	S1(S)S7(S)S8
S11	218	S9(S)S2
S12	101	S11(S)S5
S13	47	S12(S)S6
S14	56	S10 OR S13
S15	34	RD (unique items)
S16	17	S15 NOT PY>1999
S17	17	S16 NOT PD=19990928:20010928
S18	17	S17 NOT PD=20010928:20040309
File	275:	Gale Group Computer DB(TM) 1983-2004/Mar 03 (c) 2004 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2004/Mar 03 (c) 2004 The Gale group
File	75:	TGG Management Contents(R) 86-2004/Feb W4 (c) 2004 The Gale Group
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File	813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	141:	Readers Guide 1983-2004/Jan (c) 2004 The HW Wilson Co
File	696:	DIALOG Telecom. Newsletters 1995-2004/Mar 02 (c) 2004 The Dialog Corp.
File	553:	Wilson Bus. Abs. FullText 1982-2004/Jan (c) 2004 The HW Wilson Co
File	621:	Gale Group New Prod. Annou. (R) 1985-2004/Mar 02 (c) 2004 The Gale Group
File	674:	Computer News Fulltext 1989-2004/Feb W4 (c) 2004 IDG Communications
File	88:	Gale Group Business A.R.T.S. 1976-2004/Mar 03 (c) 2004 The Gale Group
File	369:	New Scientist 1994-2004/Feb W4 (c) 2004 Reed Business Information Ltd.
File	160:	Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	635:	Business Dateline(R) 1985-2004/Mar 03 (c) 2004 ProQuest Info&Learning
File	15:	ABI/Inform(R) 1971-2004/Mar 03 (c) 2004 ProQuest Info&Learning
File	9:	Business & Industry(R) Jul/1994-2004/Mar 02 (c) 2004 Resp. DB Svcs.
File	13:	BAMP 2004/Feb W4 (c) 2004 Resp. DB Svcs.
File	810:	Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire
File	647:	CMP Computer Fulltext 1988-2004/Feb W4 (c) 2004 CMP Media, LLC

File 98:General Sci Abs/Full-Text 1984-2004/Jan
(c) 2004 The HW Wilson Co.

File 148:Gale Group Trade & Industry DB 1976-2004/Mar 03
(c)2004 The Gale Group

075152

Partnership platforms

SoftArc's FirstClass Intranet Server leads the collaboration pack, but Cobalt's Qube 2 isn't far behind.

Byline: Mark Gibbs, Network World Test Alliance

Journal: Network World Page Number: 63

Publication Date: June 07, 1999

Word Count: 1652 Line Count: 149

Text:

... departments. We looked at three products that attempt to solve the collaboration problem by giving **organizations** multiple means of communication. All the products include a Web server, an **e - mail** server and some means of interactive discussion, in the manner of Usenet newsgroups. SoftArc's FirstClass Intranet Server (FCIS) came out tops in our tests. This sophisticated bulletin board **system** (BBS) runs on Mac OS and Windows NT. It can communicate with client **systems** over dial-up connections as well as TCP/IP, IPX and AppleTalk. FCIS comes with...

... full access to browser users. The product offers many features: threaded discussion lists; standards-based **e - mail** that integrates with FCIS' proprietary messaging services; news services that link to Usenet newsgroups; chat...

... well-designed, and there's even telnet support for die-hard command-line junkies. The **system** is extensible and has attracted a flock of third-party developers. In short, we were very impressed. FCIS is good looking and well-featured, and the **system**'s overall performance is excellent. Running a close second was Cobalt Networks' Qube 2, a...

... The software includes Linux 2.0 with the Apache 1.3 Web server, standards-based **e - mail**, FTP, firewall and IP gateway services, and a content search engine. You can do all...

... Linux to succeed with telnet. Qube 2's user interface is completely Web-based. It **organizes** all the product's facilities hierarchically, **keeping** the presentation clean and simple. Finishing a distant third was the Santronics' Wildcat Interactive Net...

... it was acquired by Santronics. While WINS does have conferences, newsgroup support, proprietary and Internet **e - mail**, and a Web interface that all work well, we found the product to be overly...

... dialog lets you choose a settings file in which a set of logon parameters is **stored**. The logon parameters include the server you want to log on to as well as...

... and optionally, the associated password, which is masked for security. Unfortunately, if you choose to **save** the password there's no way to **erase** it without entering and storing an incorrect password - hardly an intuitive process. The real issue is that you probably will not want users to be able to **save** passwords at all; sadly, that is not something you can disable. As soon as you...

... window containing folders for each service: mailbox, news, conferences and help. Double-clicking on a **folder** opens a **separate** window, so you can wind up with a lot going on quickly. What the client...

... the latter must be switched off if the virtual Winsock is run. In short, this **system** is a real pain to install and may be incompatible with the majority of corporate... to administrative functions and user services. Santronics' WINS makes Web access more difficult. Let us **save** you a lot of time when you're trying to set up Web service: You...

... you do access the WINS server through HTML, you'll find a clean and

well- **organized** presentation of services, in sharp contrast to the rest of the product. ServicesAll the products support Simple Mail Transfer Protocol/Post Office Protocol 3, internal **e - mail** lists and integration with external **e - mail** lists and newsgroups. WINS and FCIS have their own proprietary messaging **systems** as well, and FCIS and Qube 2 also offer built-in Internet Message Access Protocol...

... number of custom HTML tags that reference the product's features, such as the messaging **system** and conferences. The server interprets these tags on the fly to create dynamic Web pages...

...Cobalt doesn't document ways to extend these services. In various places in the administration **system**, you are warned that certain unspecified modifications may invalidate the warranty - not a very helpful approach. Qube 2 provides a basic page-building **system** through the Web interface, but because it also supports FrontPage extensions, it's better not...

... addresses to a single network interface, changing the configuration of the FrontPage extensions and handling **e - mail** through the Web interface are not supported, which seem to be significant omissions. Even so.